

# INFECTION, IMMUNITY AND INFLAMMATION – M.S., PH.D. COMPARISON

	Course Title	MS	PhD
<b>Basic science core</b>			
IBGS 501	Biomedical Communication and Integrity	2.0	2.0
IBGS 502	Biomedical Information and Statistics	2.0	2.0
IBGS 511	Cellular Mechanisms and Integrated Systems I	6.0	6.0
IBGS 512	Cellular Mechanisms and Integrated Systems II	6.0	6.0
IBGS 522	Cellular Mechanisms and Integrated Systems II Journal Club	2.0	2.0
IBGS 523	Cellular Mechanisms and Integrated Systems III Journal Club	2.0	2.0
IBGS 503	Biomedical Grant Writing		2.0
<b>Totals</b>		<b>20.0</b>	<b>22.0</b>

	Course Title	MS	PhD
<b>Seminars</b>			
IBGS 604	Introduction to Integrative Biology Presentation Seminar	1.0	1.0
IBGS 607	Integrated Biomedical Graduate Studies Seminar <sup>1</sup>	1.0	1.0
IBGS 605	Integrative Biology Presentation Seminar (1)	1.0	2.0
<b>Totals</b>		<b>2.0</b>	<b>3.0</b>

	Course Title	MS	PhD
<b>Religion</b>			
RELE 525	Ethics for Scientists		3.0
RELR 588	Personal and Family Wholeness		3.0
RELT 617	Seminar in Religion and the Sciences		3.0
REL_ ___	Graduate-level religion course (RELE, RELR, or RELT)	3.0	
<b>Totals</b>		<b>3.0</b>	<b>9.0</b>

	Course Title	MS	PhD
<b>Program specific courses</b>			
	Choose from program specific courses listed in the Ph.D. curriculum.		12.0
	Choose from program specific courses listed in the M.S. curriculum.	9.0	
<b>Totals</b>		<b>9.0</b>	<b>12.0</b>

	Course Title	MS	PhD
<b>MS degree completion options</b>			
	Required:	11.0	

Course work track:

Electives (choose 8 units from available electives listed below)

Research track:

MICR 697 Research

IBGS 698 Thesis

Totals		11.0	
	Course Title	MS	PhD
<b>PhD research/dissertation</b>			
IBGS 696	Research Rotations (1)		2.0
MICR 697	Research (1-7)		12.0
IBGS 699	Dissertation (1-5)		2.0
<b>Totals</b>			<b>16.0</b>
<b>Overall Totals</b>		<b>45.0</b>	<b>62.0</b>

<sup>1</sup> Registration and attendance required every quarter in residence, but units do not count toward total required for graduation.